IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS INDICATION FORM

I hereby appoint (I hereby revoke all previous powers of attorney given in the above-identified application):

Practitioners at Customer Number: 52308 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Further, address all telephone calls and correspondence to practitioners at Customer Number: 52308, specifically to the attention of:

Mark DeLuca, Esq. Pepper Hamilton LLP 400 Berwyn Park 899 Cassatt Road Berwyn, PA 19312-7835

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. (A statement under 37 CFR 3.73(b) is enclosed.)

Signature of Applicant or Assignee of Record

Respectfully submitted,

The Trustees of The University of Pennsylvania

D)

Name: Title: Jennifer Langenberger

Director, Intellectual Property

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

STATEMENT UNDER 37 CFR 3.73(b)

Applicant, The Trustees of the University of Pennsylvania, a company created and existing under the laws of Pennsylvania, states that it is:

- the assignee of the entire right, title, and interest of the patents/application numbers, attached as Table 1. The extent (by, percentage) of its ownership interest is 100%.
- a listing of the reel/frame numbers of the recorded assignment(s) for the applications listed on Table 1 is enclosed herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Respectfully submitted,

The Trustees of the University of Pennsylvania

Date: 8/29/08

Name:

Jennifer Langenberger

Director, Intellectual Property

TABLE

Our file number	Serial/patent number	Assignment Recordation Date	Reel/Frame	Assignor	Assignee
133172.00200 60231141	60231141	1) 08/10/2001	01 2069/0031	K. Muthumani; D. Weiner, V. Ayyavoo	The Trustees of The University of Pennsylvania
THE PERSON OF TH		2) 04/25/2001 011745/0851	011745/0851	K. Muthumani, D. Weiner, V. Ayyavoo	The Trustees of The University of Pennsylvania
133172.00201 10311260	10311260	1) 11/18/2003 014 36/0840	014136/0840	K. Muthumani; D. Weiner, V. Ayyavoo	The Trustees of The University of Pennsylvania
133172.00321 08505196	08505196	1) 06/27/2008	1) 06/27/2008 021164/0715	D. Levy; Y. Refaeli	The Trustees of The University of Pennsylvania
		2) 06/27/2008	2) 06/27/2008 021164/0457 D. Weiner	D. Weiner	The Trustees of The University of Pennsylvania
331 72.00401	08246177	1) 01/17/1995	007295/0719	1) 01/17/1995 007293/0719 D. Weiner, Y. Refaeli	The Trustees of The University of Pennsylvania
		2) 01/26/1995	007316/0743	D. Weiner, Y. Refaeli	The Trustees of The University of Pennsylvania
7.0000000000000000000000000000000000000		3) 11/13/1996	008214/0096	D. Levy	The Trustees of The University of

					Pennsylvania
172.00421	133172.00421 09114364	1) 02/08/1999	009753/0276	1) 02/08/1999 009753/0276 D. Weiner, Y. Refaeli; D.	The Trustees of The
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					Pennsylvania

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D. Weiner	Y. Refaeli	D. Levy	D. Weiner	D. Weiner, J. Kim; D. Zhang	D. Weiner, J. Kim; D. Zhang	D. Weiner, J. Sin	D. Weiner, J. Yang	
007442/0578	007442/0876	008445/0267	020766/0213	01 391 7/01 09	016551/0901	013869/0452	012642/0188	
1) 04/17/1995	2) 04/17/1995	3) 4/10/1997	1) 04/07/2008	1) 03/31/2003	1) 05/06/2005	1) 08/12/2003	1) 02/26/2002	
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		2) 12/20/2007	020277/0809	D. Weiner, K. Muthumani	The Trustees of The University of Pennsylvania
133172.01200 60293794	60293794	1) 07/09/2001	011964/0870	D. Weiner	The Trustees of The University of Pennsylvania
133172.01201	10478741	1) 5/11/2004	01 461 6/051 9	D. Weiner	The Trustees of The University of Pennsylvania
133172.01301	10478743	1) 09/09/2004	015115/0560	D. Weiner, K. Muthumani; J. Yang	The Trustees of The University of Pennsylvania
		2) 08/08/2005	016746/0489	D. Weiner, K. Muthumani; J. Yang	The Trustees of The University of Pennsylvania
133172.01500	08652572	1) 12/19/1996	008317/0445	D. Weiner, K. Muthumani; Y. Refaeli	The Trustees of The University of Pennsylvania
1351 20.001 01 10491800	10491800	1) 10/07/2004	015227/0578	D. Weiner, K. Muthumani	The Trustees of The University of Pennsylvania
135120.00201	08019601	1) 09/28/1995	007642/0054	D. Levy	The Trustees of The University of Pennsylvania
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135120.00211 08167608	08167608	1)10/16/1995	007673/0716	007673/0716 D. Levy; Y. Refaeli	The Trustees of The University of Pennsylvania
		2) 02/11/2004	2) 02/11/2004 01 4331 /0526	D. Weiner	The Trustees of The University of Pennsylvania
		3) 02/24/2004	3) 02/24/2004 01 4370/0982	D. Weiner	The Trustees of The University of Pennsylvania
351 20.00231 099351 00	09935100	1) 09/20/2001	012185/0267	1) 09/20/2001 01 21 85/0267 D. Levy; Y. Refaeli	The Trustees of The University of Pennsylvania
		2) 06/27/2008	021164/0817	2) 06/27/2008 021164/0817 D. Levy, Y. Refaeli	The Trustees of The University of Pennsylvania
		3) 06/27/2008 021164/0760	021164/0760	D. Weiner	The Trustees of The University of Pennsylvania
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135120.00301	08809186	1) 09/04/1997	008699/0047	D. Weiner, D. Levy, Y. Refaeli, V. Ayyavoo	The Trustees of The University of Pennsylvania
135120.00311 10734024	10734024	1) 08/26/2004	015087/0429	D. Weiner, D. Levy, Y. Refaeli	The Trustees of The University of Pennsylvania
1351 20.00401	08593695	1) 05/15/1996	7943/0117	D. Weiner, V. Ayyavoo; S. Mahalingham; W. Williams	The Trustees of The University of Pennsylvania
135120.00411	08949202	1) 01/20/1998	008956/0887	D. Weiner, V. Ayyavoo; M. Patel	The Trustees of The University of Pennsylvania
		2) 11/12/1998	009573/0201	S. Mahalingham	The Trustees of The University of Pennsylvania
1351 20.00421	0901 4877	1) 08/17/2000 011106/0848	011106/0848	D. Weiner, V. Ayyavoo; S. Mahalingham; W. Williams	The Trustees of The University of Pennsylvania
1351 20.00431	09418175	1) 05/01/2000	010787/0943	D. Weiner, V. Ayyavoo; S. Mahalingham; W. Williams	The Trustees of The University of Pennsylvania
		2) 12/23/1999	010495/0895	D. Weiner, V. Ayyavoo; M. Patel	The Trustees of The University of Pennsylvania
		3) 12/23/1999	01 0495/0849	S. Mahalingham	The Trustees of The University of Pennsylvania

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0441	135120.00441 09529245	<u>-</u>	09/17/2002	D. Weiner, V. Ayyavoo; M. The Trustees of The	The Trustees of The	
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	The second secon	2)	09/17/2002	09/17/2002 S. Mahalingham	The Trustees of The	
		013293/0080			University of	
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1351 20.00451 10208338	10208338	1) 05/05/2003	014030/0618	1) 05/05/2003 014030/0618 D. Weiner, V. Ayyavoo; S. Mahalingham; M. Patel	The Trustees of The University of Pennsylvania	
135120.00501 09485421	09485421	1) 10/05/2000	011166/0116	1) 10/05/2000 011166/0116 S. Mahalingham; V. Ayyavoç; M. Patel; T. Kieber-Emmons; D. Weiner	The Trustees of The University of Pennsylvania	
135120.00511 10953393	10953393	1) 01/09/2006	017174/0957	1) 01/09/2006 017174/0957 S. Mathalingham; V. Ayyavoc; M. Patel; T. Kieber-Emmons; D. Weiner	The Trustees of The University of Pennsylvania	T
135120.00600 60293570	60293570	1) 08/17/2001	012091/0589	1) 08/17/2001 01 2091 /0589 D. Weiner, K. Muthumani	The Trustees of The University of Pennsylvania	T
135120.00601 10478742	10478742	1) 08/02/2004	015034/0314	1) 08/02/2004 015034/0314 D. Weiner, K. Muthumani	The Trustees of The University of Pennsylvania	